

Rolling Knolls Landfill Superfund SITE
FIELD CHANGE REQUEST (FCR) FORM

Contract No.:

REQUEST NO: 05

DATE: 04/01/2015

FCR TITLE: Monitoring Well Location Modification

DESCRIPTION:

The Data Gaps Sampling and Analysis Plan (Data Gaps SAP) proposed installation of seven (7) permanent monitoring wells (MW-11 through MW-17). The Data Gaps SAP indicated the final locations of the permanent monitoring wells will be determined based on the results of the soil sampling and the temporary monitoring well samples collected as part of the data gap sampling. These data, and a proposal for the locations of the permanent monitoring wells, were transmitted to USEPA for review and approval on February 17, 2015. Additional information was transmitted to USEPA on February 27, 2015. The USEPA responded on March 5, 2015 and requested adjustments to the locations of MW-15 and MW-12. At this time the USEPA also requested the addition of three (3) additional monitoring wells (MW-18 through MW-20).

The objective of the monitoring wells is to characterize current constituent concentrations in groundwater. Monitoring well locations were proposed off the landfill near soil samples where the concentrations of one or more constituents exceeded its Soil Remediation Standards (SRS).

REASON FOR DEVIATION:

Prior to installation of the monitoring wells ARCADIS personnel and a USEPA representative inspected each proposed monitoring well locations. Proposed locations for MW-15 and MW-19 were found to be within approximately 6 to 24 inches of standing water. Installation of permanent monitoring wells is not feasible within standing water. These locations should be moved to areas with no standing water. The approximate distance each monitoring well will be moved compared to the location approved by USEPA on March 5, 2015 is included in Table 1 and described below.

RECOMMENDED MODIFICATION:

Monitoring well MW-15 should be moved approximately 40 feet (ft) to the north. This location would shift the monitoring well to drier ground and still achieve the objective of characterizing constituent concentrations in groundwater down gradient of MW-3 and TWP-8.

Monitoring well MW-19 should be moved approximately 17 ft to the south. This location would shift the monitoring well to drier ground and still achieve the objective of characterizing constituent concentrations in groundwater down gradient of SS-118, SS-119, SS-120, SS-121, SS-122 and SS-124.

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IMPACT ON PROJECT OBJECTIVES:

The revised monitoring well locations meet the project objective of collecting groundwater samples to characterize constituent concentrations in groundwater.

Dated Signatures:



(Field Team Leader) 04/01/2015



(Project Manager) 04/01/2015

Distribution:

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